

**Abstract of the Disclosur**

A flow-through assay device for detecting the presence or quantity of an analyte residing in a test sample is provided. The device utilizes a scavenging zone that contains a capture reagent for the analyte of interest. The capture reagent may capture a quantity of the analyte that is less than or equal to a predefined base quantity of the analyte, such as a quantity considered "normal" for a particular test sample. Thus, the capture reagent is able to prevent some of the analyte from being detected. In this manner, the sensitivity of the assay device may be reduced in a simple, inexpensive, yet effective manner.